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Application Number	09/932,666
Filing Date	August 17, 2001
First Named Inventor	Dent, Paul W.
Group Art Unit	2645
Examiner Name	Elahee, MD S
Attorney Docket Number	P14657-384

Total Number of Pages in This Submission: 4

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☒ Amendment / Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Documents
- ☐ Response to Missing Parts/ Incomplete Application
  - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
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- ☐ CD, Number of CD(s) ____
- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group ***(Appeal Notice, Brief, Reply Brief)***
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below):* **Reply Postcard**

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	**GREGORY STEPHENS MOORE & VAN ALLEN**
Signature	Gregory Stephens
Date	**MAY 3, 2004**

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Typed or printed name	**Patricia L Pontello**		
Signature	Patricia L Pontello	Date	May 3, 2004

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#4 OT 5/11/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paul W. Dent	)	
Serial No.: 09/932,666	)	
Filed: August 17, 2001	)	Confirmation No. 5094
Group Art Unit: 2645	)	
Examiner: Elahee, MD S	)	
Title: SYSTEM AND METHOD FOR DETERMINING SHORT RANGE DISTANCES BETWEEN RF EQUIPPED DEVICES	)	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir or Madam:

In response to the Office action of February 13, 2004, applicant sets forth the following remarks.

REMARKS

The Examiner has cited U.S. Pat. No. 4,313,183 pursuant to 35 USC 102(b) as anticipating claims 1, 2, 4, 6, 7, 9 and 10 of the present invention.

The '183 patent is addressed to a better more precise method of determining the distance between the transmission point and reception point of an acoustic signal using the transit time of the acoustic signal between the two points. To accomplish its stated goal (col. 2, lns. 32-44), the '183 patent uses a very precise and specific FSK acoustic signal and encoding scheme. It further uses circuitry to compensate for and take into account processing time that occurs in the transmitter and receiver stations. The RF signal representative of the FSK signal that is transmitted from station 1 to station 2 is not used by the '183 patent for distance calculation purposes per se. Rather, it is used by the '183 patent as a data verification signal to detect and confirm that the proper FSK acoustic signal has been received. (see, col. 3, lns. 35-44). In fact, the '183 patent explicitly states that "*the transit time of the electromagnetic radio waves* (RF signal) *is so short compared to the times being measured that it is negligible.*" (col. 3, lns. 33-35) By characterizing the RF transit time as negligible, the '183 patent clearly teaches that it